REMARKS

Claims 1-75 are in the case.

Claims 18, 19, and 24 have been amended.

Claims 26-75 have been added.

Claims 20-21 and 22-23 have been allowed. Claims 12-17 have been objected to as being dependent from a rejected claim, but have been indicated to be allowable if rewritten in independent form, including all of the limitations of the base claim and any intervening claims. This has been done, as discussed below.

In the specification, the paragraph appearing on Page 5, line 23 through Page 6, has been amended to delete reference numerals 100 and 110, which are used elsewhere in the specification and drawings.

THE OATH/DECLARATION

The examiner has required a new oath or declaration with the co-inventor's signature.

A declaration executed by co-inventor Giovanni Vannucci is enclosed, together with a letter authorizing the fee for a late-filed declaration to be charged against deposit account number 17-0026.

The executed declaration by co-inventor Parag Agashe is of record. It is believed that this complies with the examiner's requirement for this declaration, which should now be withdrawn.

THE REJECTION UNDER 35 USC §112

The examiner has rejected claims 18-19 under 35 USC §112, alleging that the claims are hybrid claims, and are unable to be examined.

Claims 18 and 19 have been amended to be consistent in the body and preamble thereof. The rejection should therefore be withdrawn, and an examination of these claims is respectfully requested.

THE REJECTION UNDER 35 USA §103

Claims 1-11 and 24-25 have been rejected under 35 USC §103(a), the examiner alleging that they are obvious from Vayanos, et al (USP 6,134,483) in view of Abraham, et al. (USP 5,731,786). This rejection is respectfully traversed.

The examiner noted that Vayanos et al does not teach transmitting the correction factor in a predetermined order, but suggests that Abraham et al. does, the order being such as a future time, increasing time, etc., citing Columns 4-6.

Contrary to the examiner's assertion, it is not seen that Abraham et al arranges the location fix times in order of future times. Moreover, Abraham et al does not show arranging correction factors in any particular order; it appears that only the location fix times are ordered as a part of index h1. Finally, there is no hint or suggestion that any ordering that may be disclosed may be used for the purpose of indicating a correspondence of the correction factors and the physical objects. These are not shown or suggested by Vayanos, et al, as well.

On the other hand, applicants' claim 1 recites a "...correspondence of each among said plurality of correction factors with at least one among the set of physical objects is indicated at least in part by said predetermined order". Thus, for at least these reasons, claim 1, and claims 2-17, which depend therefrom, are not obvious from Vayanos et al., in view of Abraham et al., and their rejection should be withdrawn.

Independent claim 18, as amended, recites "machine readable code for causing–said plurality of correction factors to be transmitted in a predetermined order without transmitting information related to identities of said physical objects". This is nowhere shown or suggested in either Vayanos et al., Abraham et al., or any combination thereof. For example, in the "hx" indices of Abraham et al., identification data of the satellites is included in the data to be sent. See for instance, index "h2". Thus, it would not be obvious to associate the correction factors with respective satellite signals based upon the order that the correction factors are transmitted. Therefore, unexamined claim 18, and claim 19, which depends therefrom, are not obvious from Vayanos et al. in view of Abraham et al., and should be allowed.

Claim 24, as amended, in an analogous manner, recites "receiving a plurality of correction factors in a predetermined order without receiving information relating to identities of said physical objects". For at least the same reason as explained above with regard to claims 18 and 19, this is not obvious from Vayanos et al. in view of Abraham et al., and, therefore, claim 24, and claim 25 dependent therefrom, should be allowed.

Newly added independent claim 26 also recites a method in which "transmitting said plurality of correction factors in a predetermined order, without transmitting information related to identities of said physical objects" is performed. Thus, for at least the reasons set

forth above, claim 26 and claims 27-42 dependent therefrom, are not obvious from Vayanos et al. in view of Abraham et al., and should be allowed.

Newly added independent claim 43 represents original claim 12 combined with original claim 2, which was indicated by the examiner to be allowable. For at least this reason claim 43 and claims 44-58 dependent therefrom should be allowed.
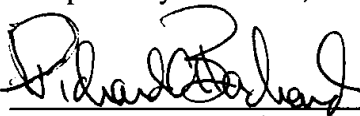
Newly added independent claim 59 recites that the correction factors are arranged in a predetermined order from a base station to a mobile station, the predetermined order being known to both the base station and the mobile station; and a correspondence of each correction factor with each satellite being indicated at least in part by the predetermined order. This is not shown or suggested by either Vayanos et al. or Abraham et al. For at least this reason, claim 59, and claims 60-74 dependent therefrom, should be allowed.

Newly added independent claim 75 recites a system in which the correction factors are calculated, arranged in a predetermined order, transmitted, and received by a mobile station with knowledge of the predetermined order to be enabled to associate the correction factors with respective ones of the satellites and determine a mobile station location. This is nowhere shown or suggested by either Vayanos et al. or Abraham et al., and for at least this reason should be allowed.

In light of the above, therefore, applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

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